

IN THE CLAIMS:

Please cancel Claims 11 to 15, 21 to 25, 42 to 44, 48 and 50 without prejudice or disclaimer of subject matter, and amend Claims 1, 4, 16, 26, 32, 37, 45, 49, and 51 as shown below. The claims, as pending in the subject application, now read as follows:

1. (Currently amended) A print system comprising:

an image processing apparatus for executing an image processing function selected from among a plurality of image processing functions, wherein said image processing apparatus has a print engine function; and

an information processing apparatus for generating print data to be transferred to said image processing apparatus,

wherein said information processing apparatus acquires, from said image processing apparatus, information indicating a [[the]] function status of the plurality of image processing functions, also executes a process of transferring the generated print data to said image processing apparatus and displays the function status of the plurality of image processing functions on a display unit based on the acquired information, and

wherein, when a predetermined print processing [[copy]] function included in the plurality of image processing functions obtains the print engine function, said information processing apparatus displays information indicating that the predetermined print processing [[copy]] function is being executed and information showing that the print engine cannot be used for one of the plurality of image processing functions for ~~function-based on~~ the generated print data, and wherein the predetermined print processing function has higher priority than the image processing function for the generated print data and said information processing apparatus

displays the function status of the predetermined print processing function in an emphasized manner cannot be executed.

2. (Original) A print system according to claim 1, wherein said information processing apparatus displays the function status of the plural image processing functions in a single image, based on the acquired information.

3. (Original) A print system according to claim 1, wherein said information processing apparatus is adapted to display, on the display unit, that the generated print data are being transferred to said image processing apparatus.

4. (Currently amended) A print system according to claim 1, wherein said information processing apparatus discriminates, based on the acquired information, whether the predetermined print ~~an image~~ processing function ~~of higher priority~~ is being executed in said image processing apparatus and, ~~in case of a discrimination that a processing function of higher priority is executed,~~ displays the function status of the predetermined print image processing function ~~of such high priority~~ in an emphasized manner if it is discriminated that the predetermined print processing is being executed.

5. (Original) A print system according to claim 4, wherein said information processing apparatus, simultaneously with the emphasized display of the function status of the image processing function of higher priority, suspends the transfer process of the print data to said image processing apparatus.

6. (Previously presented) A print system according to claim 1, wherein said information processing apparatus acquires, from said image processing apparatus, the information indicating the function status of the plurality of image processing functions, for every transfer of the print data of a page.

7. (Previously presented) A print system according to claim 1, wherein said image processing apparatus acquires information indicating the function status of the plurality of image processing functions, manages the acquired information in unified manner in a storage unit, and renews the information stored in said storage unit in response to a change in the function status.

8. (Previously presented) A print system according to claim 7, wherein said image processing apparatus transmits the information stored in said storage unit to said information processing apparatus, in response to a print request from said information processing apparatus or to a request from said information processing apparatus for acquiring the information indicating the function status.

9. (Original) A print system according to claim 1, wherein said image processing functions include a print function for executing printing based on data from said information processing apparatus, a copy function and a facsimile function.

10. (Original) A print system according to claim 1, wherein said image processing apparatus comprises a print unit for executing printing, and said print is used by one of the plural image processing functions.

11. to 15. (Canceled)

16. (Currently amended) An information processing apparatus for transferring print data by communication with an image processing apparatus for executing an image processing function selected from among a plurality of image processing functions, the image processing apparatus having a print engine function, said information processing apparatus comprising:

generation means for generating print data to be transferred to the image processing apparatus;

acquisition means for acquiring, from the image processing apparatus, information indicating a [[the]] function status of the plurality of image processing functions; and

control means for controlling a process of transferring the print data generated by said generation ~~generating~~ means to the image processing apparatus and controlling a display for displaying the function status of the plurality of image processing functions on a display unit based on the information acquired by said acquisition means,

wherein, when a predetermined print processing [[copy]] function included in the plurality of image processing functions obtains the print engine function, said information processing apparatus displays information indicating that the predetermined print processing [[copy]] function is being executed and information showing that the print engine cannot be used

for one of the plurality of image processing functions for function based on the generated print data, and wherein the predetermined print processing function has higher priority than the image processing function of the generated print data and said information processing apparatus displays the function status of the predetermined print processing function in an emphasized manner cannot be executed.

17. (Previously presented) An information processing apparatus according to claim 16, wherein said display control means is capable, based on the information acquired by said acquisition means, of displaying the function status of the plural image processing functions on a single image by graphics, text and animation.

18. (Original) An information processing apparatus according to claim 16, wherein said display control means discriminates, based on the information acquired by said acquisition means, whether an image processing function of higher priority is executed in said image processing apparatus, and, in case of discrimination that a processing function of higher priority is executed, displays the function status of the image processing function of such high priority in an emphasized manner.

19. (Original) An information processing apparatus according to claim 16, wherein said display control means displays a text indicating the function status of the image processing function of higher priority in an emphasized manner by a layout in a predetermined area of the display unit.

20. (Original) An information processing apparatus according to claim 16, wherein said image processing functions include a print function for executing printing based on data from the information processing apparatus, a copy function and a facsimile function.

21. to 25. (Canceled)

26. (Currently amended) A status display method for an information processing apparatus for transferring print data by communication with an image processing apparatus for executing an image processing function selected from among a plurality of image processing functions, the image processing apparatus having a print engine, the method comprising steps of

acquiring, from said image processing apparatus, information indicating a [[the]] function status of the plurality of image processing functions; and

executing a process of transferring the generated print data to said image processing apparatus and displaying the function status of the plurality of image processing functions on a display unit based on the acquired information,

wherein, when a predetermined print processing [[copy]] function included in the plurality of image processing functions obtains the print engine function, said information processing apparatus displays information indicating that the predetermined print processing [[copy]] function is being executed and information showing that the print engine cannot be used for one of the plurality of image processing functions for function-based on the generated print data, and wherein the predetermined print processing function has higher priority than the image processing function for the generated print data and said information processing apparatus

displays the function status of the predetermined print processing function in an emphasized manner cannot be executed.

27. (Previously presented) A status display method according to claim 26, wherein the function status of the plurality of image processing functions can be displayed, based on the acquired information, on a single image by graphics, text and animation.

28. (Original) A status display method according to claim 26, further comprising discriminating, based on the acquired information, whether an image processing function of higher priority is executed in said image processing apparatus, and, in case of discrimination that a processing function of higher priority is executed, displaying the function status of the image processing function of such high priority in an emphasized manner.

29. (Original) A status display method according to claim 26, wherein a text indicating the function status of the image processing function of higher priority is displayed in an emphasized manner by a layout in a predetermined area of the display unit.

30. (Original) A status display method according to claim 26, wherein said image processing functions include a print function for executing printing based on data from the information processing apparatus, a copy function and a facsimile function.

31. (Canceled)

32. (Currently amended) A program stored on a computer-readable medium for controlling an information processing apparatus for transferring print data by communication with an image processing apparatus for executing an image processing function selected from among a plurality of image processing functions, the image processing apparatus having a print engine, the program comprising:

a generation step of generating the print data to be transferred to said image processing apparatus;

an acquisition step of acquiring, from the image processing apparatus, information indicating a [[the]] function status of the plurality of image processing functions; and

a control step of controlling a process of transferring the print data generated by said generation step to the image processing apparatus and displaying the function status of the plurality of image processing functions on a display unit based on the information acquired by said acquisition step,

wherein, when a predetermined print processing [[copy]] function included in the plurality of image processing functions obtains the print engine function, said information processing apparatus displays information indicating that the predetermined print processing [[copy]] function is being executed and information showing that the print engine cannot be used for one of the plurality of image processing functions for function-based on the generated print data, and wherein the predetermined print processing function has higher priority than the image processing function for the generated print data and said information processing apparatus displays the function status of the predetermined print processing function in an emphasized manner cannot be executed.



33. (Previously presented) A program stored on a computer-readable medium according to claim 32, wherein the function status of the plural image processing functions can be displayed, based on the information acquired by the acquisition step, on a single image by graphics, text and animation.

34. (Previously presented) A program stored on a computer-readable medium according to claim 32, wherein said display control step discriminates, based on the information acquired in said acquisition step, whether an image processing function of higher priority is executed in said image processing apparatus, and, in case of discrimination that a processing function of higher priority is executed, displays the function status of the image processing function of such high priority in an emphasized manner.

35. (Previously presented) A program stored on a computer-readable medium according to claim 32, wherein said display control step displays a text indicating the function status of the image processing function of higher priority in an emphasized manner by a layout in a predetermined area of the display unit.

36. (Previously presented) A program stored on a computer-readable medium according to claim 32, wherein said image processing functions include a print function for executing printing based on data from the information processing apparatus, a copy function and a facsimile function.

37. (Currently amended) A computer readable memory medium storing a program for controlling an information processing apparatus for transferring print data by communication with an image processing apparatus for executing an image processing function selected from among a plurality of image processing functions, the image processing apparatus having a print engine function, said program comprising:

a generation step of generating the print data to be transferred to said image processing apparatus;

an acquisition step of acquiring, from the image processing apparatus, information indicating a [[the]] function status of the plurality of image processing functions; and

a control step of controlling a process of transferring the print data generated by said generation step to the image processing apparatus and controlling a display for the function status of the plurality of image processing functions on a display unit based on the information acquired by said acquisition step,

wherein, when a predetermined print processing [[copy]] function included in the plurality of image processing functions obtains the print engine function, said information processing apparatus displays information indicating that the predetermined print processing [[copy]] function is being executed and information showing that the print engine cannot be used for one of the plurality of image processing functions for function-based on the generated print data, and wherein the predetermined print processing function has higher priority than the image processing function for the generated print data and said information processing apparatus displays the function status of the predetermined print processing function in an emphasized manner cannot be executed.

38. (Previously presented) A memory medium according to claim 37, wherein said display control step can display the function status of the plurality of image processing functions, based on the information acquired by the acquisition step, on a single image by graphics, text and animation.

39. (Original) A memory medium according to claim 37, wherein said display control step discriminates, based on the information acquired in said acquisition step, whether an image processing function of higher priority is executed in said image processing apparatus, and, in case of discrimination that a processing function of higher priority is executed, displays the function status of the image processing function of such high priority in an emphasized manner.

40. (Original) A memory medium according to claim 37, wherein said display control step displays a text indicating the function status of the image processing function of higher priority in an emphasized manner by a layout in a predetermined area of the display unit.

41. (Original) A memory medium according to claim 37, wherein said image processing functions include a print function for executing printing based on data from the information processing apparatus, a copy function and a facsimile function.

42. to 44. (Canceled)

45. (Currently amended) An information processing apparatus for transferring print data by communication with an image processing apparatus for executing an image processing function selected from among a plurality of image processing functions, the image processing apparatus having a print engine function that can be used by the plurality of image processing functions for printing data on a recording medium, said information processing apparatus comprising:

control means for controlling a process of transferring the print data ~~generated by said generating means~~ to the image processing apparatus and controlling a display for displaying the function status of the plurality of image processing functions on a display unit,

wherein, when in place of one of the plurality of image processing functions another one of the plurality of image processing functions obtains the print engine function, said information processing apparatus displays on the display unit information indicating that the one image processing function cannot be executed, and wherein the other image processing function has higher priority than the one image processing function and said information processing apparatus displays the function status of the other image processing function in an emphasized manner.

46. (Previously presented) An information processing apparatus according to claim 45, wherein the one image processing function is a function for printing data received from said information processing apparatus, and the another image processing function is a copy function or a facsimile function, wherein the copy function or facsimile function obtains the currently used print function by an interrupt process, and wherein the information indicates that the function for printing data from said information processing apparatus cannot be executed.

47. (Previously presented) An information processing apparatus according to claim 45, wherein in the event that while one of the plurality of image processing functions uses the print function, another one of the plurality of image processing functions obtains the currently used print function, said control means controls the display unit to display information indicating the another image processing function.

48. (Canceled)

49. (Currently amended) A method of operating an information processing apparatus for transferring print data by communication with an image processing apparatus for executing an image processing engine function selected from among a plurality of image processing functions, the image processing apparatus having a print function that can be used by the plurality of image processing functions for printing data on a recording medium, said method comprising:

controlling a process of transferring the print data ~~generated by said generating means~~ to the image processing apparatus and controlling a display for displaying the function status of the plurality of image processing functions on a display unit,

wherein, when in place of one of the plurality of image processing functions another one of the plurality of image processing functions obtains the print engine function, said information processing apparatus displays on the display unit information indicating that the one image processing function cannot be executed, and wherein the other image processing function has higher priority than the one image processing function and said information processing

apparatus displays the function status of the other image processing function in an emphasized manner.

50. (Canceled)

51. (Currently amended) A computer-readable medium storing a program for operating an information processing apparatus for transferring print data by communication with an image processing apparatus for executing an image processing function selected from among a plurality of image processing functions, the image processing apparatus having a print engine function that can be used by the plurality of image processing functions for printing data on a recording medium, said program comprising:

controlling a process of transferring the print data ~~generated by said generating means~~ to the image processing apparatus and controlling a display for displaying the function status of the plurality of image processing functions on a display unit,

wherein, when in place of one of the plurality of image processing functions another one of the plurality of image processing functions obtains the print engine function, said information processing apparatus displays on the display unit information indicating that the one image processing function cannot be executed, and wherein the other image processing function has higher priority than the one image processing function and said information processing apparatus displays the function status of the other image processing function in an emphasized manner.